

SENIOR ELECTRIC TROUBLESHOOTER

DEFINITION:

Under general direction, organizes, assigns, reviews and performs skilled work in troubleshooting electric distribution systems; provides lead direction to Electric Troubleshooter and to Electric Lineman/Linewoman as assigned and performs related work as required.

DISTINGUISHING CHARACTERISTICS:

This class is distinguished from Electric Troubleshooter in that it has lead responsibility, and performs job planning, assignment and review.

EXAMPLES OF DUTIES:

Duties may include, but are not limited to the following:

Organizes, assigns, schedules, and reviews troubleshooting projects, and reviews the work of Electric Troubleshooters and Electric Lineman/Linewoman as assigned.

Performs duties of first line troubleshooting of a utility electric system.

Coordinates activities and provides written and oral communication with other City departments, utility divisions, and customers.

Prepares a variety of studies and reports related to specific areas of assignment and assists in preparation of short and long range planning.

Provides technical direction and training for other department and division personnel and prepares performance evaluations.

MINIMUM QUALIFICATIONS:

Knowledge of:

Basic principles and practices of lead supervision.

Methods, materials and equipment used in construction, maintenance and troubleshooting of overhead and underground electric distribution and transmission systems.

Principles of electrical theory as applied to power systems.

Transformer and other equipment connections for various applications.

Applicable electrical codes and regulations, such as State electrical safety orders (e.g. G.O. 95, 165 and 128), National Electric Code, etc.

Necessary precautions in working high-voltage lines.

Safe work practices and procedures including first aid and cardiopulmonary resuscitation (CPR).

City rules, regulations, construction specifications and operating practices.

Ability to:

Plan, assign, review and coordinate multiple projects and the work of others.
Provide lead direction to, train and evaluate the work of others.
Climb poles and use aerial buckets in confined areas among energized overhead lines and equipment at a considerable distance above ground.
Work with energized underground 15-kV materials and methods.
Work proficiently with hot-line tools, i.e. sticks under energized conditions on both 15-kV overhead and underground systems.
Use good judgment and take effective courses of action in emergencies.
analyze an electrical problem, and develop and implement a series of steps that will lead to a successful resolution.
Work without direct supervision.
Maintain accurate and precise records in legible handwriting.
Deal tactfully in an effective and courteous manner with the general public and other employees.
Establish and maintain a cooperative working relationship with other employees and the general public.
Read and interpret plans and written instructions.
Maintain good housekeeping in and around the work site.

EDUCATION AND EXPERIENCE:

Any combination equivalent to education and experience that would likely provide the required knowledges and abilities would be qualifying. A typical combination is:

Education:

Equivalent to completion of high school.

Experience:

Possession of journey level Electric Lineman/Linewoman status granted through the I.B.E.W. or equivalent, and two (2) years of relevant experience in first line troubleshooting of a power electric system.

Response Requirement:

Must be able to meet a 20-minute response requirement.

LICENSES AND CERTIFICATES:

Possession of a valid Driver's License (Class C) issued from the California Department of Motor Vehicles. Prior to permanent appointment, the appropriate commercial Driver's License with endorsements as mandated by the State of California Commercial Vehicle Code.

RESOLUTION NO. 99-20

A RESOLUTION OF THE LODI CITY COUNCIL
APPROVING THE REALLOCATION OF ONE
ELECTRIC TROUBLESHOOTER TO SENIOR
ELECTRIC TROUBLESHOOTER

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BE IT RESOLVED that the Lodi City Council does hereby approve the
reallocation of one Electric Troubleshooter to Senior Electric Troubleshooter.

Dated: February 3, 1999

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I hereby certify that Resolution No. 99-20 was passed and adopted by the
City Council of the City of Lodi in a regular meeting held February 3, 1999 by the
following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Mann, Nakanishi,
Pennino and Land (Mayor)

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None


ALICE M. REIMCHE
City Clerk